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NOTICE OF ALLOWANCE AND FEE(S) DUE

22850

7590

03/17/2004

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314 EXAMINER ALAVI, ALI

PAPER NUMBER

ART UNIT

DATE MAILED: 03/17/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/691,032	10/19/2000	Takeshi Takezawa	198538US0	5150

TITLE OF INVENTION: LIGHT SOURCE DEVICE AND PROJECTOR UTILIZING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	06/17/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
 - □ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)			Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
22850 7	590 03/17/2004			have its own certifica	te of mailing or transmission.	
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P.C.				I hereby certify that the States Postal Service	this Fee(s) Transmittal is bein with sufficient postage for fir	g deposited with the United
1940 DUKE STRE				addressed to the Ma	this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address	above, or being facsimile
ALEXANDRIA, V	VA 22314			transmitted to the OS	PTO, on the date indicated bel	(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	VTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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1. Change of correspondence CFR 1.363).	ce address or indication of "F	ee Address" (37		the patent front page		
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3. ASSIGNEE NAME ANI	O RESIDENCE DATA TO I	BE PRINTED ON T	HE PATENT (print	or type)		100 E I
PLEASE NOTE: Unless been previously submitted	s an assignee is identified be ed to the USPTO or is being	elow, no assignee da submitted under ser	ata will appear on the	e patent. Inclusion of a	assignee data is only appropri- of a substitute for filing an ass	ate when an assignment has
(A) NAME OF ASSIGN				Y and STATE OR CO		·\$·····
Please check the appropriat	e assignee category or catego	ories (will not be pri	inted on the natent):	O individual O	corporation or other private g	roup entity
4a. The following fee(s) are			. Payment of Fee(s):	- Individual - C	corporation of other private gr	oup chity a government
☐ Issue Fee			☐ A check in the an	nount of the fee(s) is er	nclosed.	
☐ Publication Fee			☐ Payment by credi	t card. Form PTO-203	8 is attached.	
☐ Advance Order - # of	Copies		The Director is h Deposit Account Nu	nereby authorized by o	charge the required fee(s), or(enclose an extra of	credit any overpayment, to
Director for Patents is reque	ested to apply the Issue Fee a	and Publication Fee			issue fee to the application ide	··
(Authorized Signature)		(Date)				
NOTE; The Issue Fee an	d Publication Fee (if requi	red) will not be acc	cepted from anyone	-		
other than the applicant;	a registered attorney or age ecords of the United States P	ent; or the assigne	e or other party in			
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suggestions for reducing	this burden, should be sent	to the Chief Inform	nation Officer, U.S.			
22313-1450. DO NOT SEND TO: Commissioner	the amount of time you this burden, should be sent Office, U.S. Department SEND FEES OR COMPLI for Patents, Alexandria, Vi	OI Commerce, A ETED FORMS TO ginia 22313-1450.	THIS ADDRESS.			
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P.C. 1940 DUKE STRE	ET		ART UNIT	PAPER NUMBER
ALEXANDRIA, V	A 22314		2875	
			DATE MAIL ED: 03/17/200	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

			ØK
	Application No.	Applicant(s)	
Notice of Allowability	09/691,032	TAKEZAWA, TAKE	SHI
Notice of Allowability	Examiner	Art Unit	
	Ali Alavi	2875	
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS nerewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this apport or other appropriate communication GHTS. This application is subject to and MPEP 1308.	plication. If not include will be mailed in due	ed course. THIS
1. $igtiz$ This communication is responsive to <u>RCE filed on 30 Dece</u>	<u>mber 2003</u> .		
2. X The allowed claim(s) is/are 1,2,4-8 and 10-31.			
3. $igotimes$ The drawings filed on <u>10 October 2000</u> are accepted by the	e Examiner.		
4. Acknowledgment is made of a claim for foreign priority una All b)	been received. been received in Application No cuments have been received in this of this communication to file a reply ENT of this application. itted. Note the attached EXAMINER as reason(s) why the oath or declarate at be submitted. son's Patent Drawing Review (PTO- as Amendment / Comment or in the Comment or in the Comment of BIOLOGICAL MATERIAL resist of BIOLOGICAL MATERIAL resist of BIOLOGICAL MATERIAL resist of BIOLOGICAL MATERIAL resisted in this section.	national stage applical complying with the reconstruction is deficient. 948) attached office action of the diagram of the front (not the diagram).	quirements
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 12/30/03 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛭 Examiner's Statements 9. 🗌 Other	(PTO-413), te ment/Comment	ŕ

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04) Application/Control Number: 09/691,032

Art Unit: 2875

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 12/30/03 has been entered.

Allowable Subject Matter

2. Claims 1-2, 4-8, and 10-31 are allowed.

The following is an examiner's statement of reasons for allowance: Applicant's amendment has persuaded the examiner to place this application in condition for allowance. Claims 1 and 7 are independent claims and each having a reflector which is formed of a ceramic having a thermal conductivity of at least about 0.005 (cal/cm sec deg) at a temperature of 20 degree C, wherein the ceramic is composed of any material selected from the group consisting of Al₂O₃, 2Mgo.Sio₂, Mgo.Sio₂, Zro₂.Sio₂, Tio₂. SiC, Si₃N₄, and cermet. This limitation was not found in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 09/691,032

Art Unit: 2875

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Ali Alavi whose telephone number is (571) 272-2365. The examiner can normally be reached between 7:00 A.M. to 5:30 P.M. Tuesday to Friday. If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, Sandy O'Shea can be reached at (571) 272-2378 or you may fax your inquiry to the Central Fax at (703) 872-9306.

Ali Alavi

ALAW CARIASO PRIMARY EXAMINER Page 3